

SC 6000 System Controller

Compact, flexible out of the box programmable radiometer/photometer



Comprehensive

Labsphere's SC 6000 System Controller is a programmable radiometer/photometer that allows for up to 100 programmed calibrations. Labsphere will calibrate the SC 6000 to monitor luminous and radiant flux, luminance, radiance, intensity, illuminance and irradiance, making it an integral component of any calibration system.

Flexible Design

The SC 6000 is a highly flexible, programmable radiometer/photometer and a system controller. The integrated microprocessor-based controller is the communication hub for Labsphere's power supplies. With a variety of interchangeable detector assemblies, integrating spheres and components, light sources, and power supplies, you are able to create, upgrade, or expand a calibration system in minutes.

Operates Right Out Of The Box

A 64-digit backlit LCD display allows you to view measurement results, select calibration factors, and set display features and remote communication parameters.

Operation Features

Includes up to 100 programmable optical radiation calibrations, manual and auto ranging, digital or analog display, digital filtering, 5-digit display, display zero, and display normalization display.

Value

- Compatibility with Si, Ge, InGaAs, and many other photovoltaic detectors
- Dynamic range of 8 decades of sensitivity
- Stores up to 100 photometric and radiometric calibration constants
- 32 output lines for computer control of system peripherals
- TC/IP, DHCP computer connections

Applications

- Controlling calibration systems
- Photometric and radiometric monitoring of camera calibration systems
- Lamp measurement
- Photometry
- Laser power measurement